

UTILITY PATENT APPLICATION TRANSMITTAL	Attorney Docket No.: UDC-20201 CON	
	First Inventor: Michael Stuart Weaver	
	Title:	METHODS AND STRUCTURES FOR REDUCING LATERAL DIFFUSION THROUGH COOPERATIVE BARRIER LAYERS
	Express Mail Label No.:	ER 638135216 US

(Only for new nonprovisional applications under 37 CFR 1.53(b))

APPLICATION ELEMENTS (see MPEP chapter 600 concerning utility patent application contents)	Mail Stop Patent Application ADDRESS TO: Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450
1. <input checked="" type="checkbox"/> Fee Transmittal Form in duplicate (Submit an original and a duplicate for fee processing) 2. <input type="checkbox"/> Applicant claims small entity status See 37 CFR 1.27 3. <input checked="" type="checkbox"/> Specification Total Pages <input type="text" value="22"/> (preferred arrangement set forth below) -Descriptive title of the invention -Cross Reference to Related Applications -Statement Regarding Fed sponsored R&D -Reference to sequence listing, a table, -Background of the Invention -Brief Summary of the Invention -Brief Description of the Drawings (if filed) -Detailed Description -Claim(s) -Abstract of the Disclosure 4. <input checked="" type="checkbox"/> Drawing(s) Total Sheets <input type="text" value="8"/> 5. Oath or Declaration a. <input type="checkbox"/> Newly executed (original or copy) b. <input checked="" type="checkbox"/> Copy from a prior application (37 CFR 1.63(d)) (for continuation/ divisional with Box 18 completed) i. <input type="checkbox"/> DELETION OF INVENTOR(S) Signed statement attached deleting inventor(s) named in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b). 6. <input type="checkbox"/> Application Data Sheet under 37 CFR 1.76	7. <input type="checkbox"/> CD-ROM or CD-R in duplicate, large table or Computer Program (Appendix) 8. <input type="checkbox"/> Nucleotide and/or Amino Acid Sequence (if applicable, all necessary) a. <input type="checkbox"/> Computer Readable Form (CFR) b. <input type="checkbox"/> Specification Sequence Listing on: i. <input type="checkbox"/> CD-ROM or CD-4 (2 copies); ii. <input type="checkbox"/> or paper c. <input type="checkbox"/> Statements verifying identity of above copies ACCOMPANYING APPLICATION PARTS 9. <input type="checkbox"/> Assignment Papers (cover sheet & document(s)) 10. <input type="checkbox"/> 37 CFR 3.73(b) <input checked="" type="checkbox"/> Power of Attorney Statement (when there is an assignee) 11. <input type="checkbox"/> English Translation Document (if applicable) 12. <input checked="" type="checkbox"/> IDS <input type="checkbox"/> Copies of IDS Citations 13. <input checked="" type="checkbox"/> Preliminary Amendment 14. <input checked="" type="checkbox"/> Return Receipt Postcard (MPEP 503) 15. <input type="checkbox"/> Certified Copy of Priority Document 16. <input type="checkbox"/> Nonpublication Request under 35 U.S.C. 122(b)(2)(B)(i). Applicant must attach form PTO/SB/35 or its equivalent. 17. <input type="checkbox"/> Other: _____ _____ _____ _____
18. IF A CONTINUING APPLICATION, check appropriate box and supply the requisite information below and in a preliminary amendment: <input checked="" type="checkbox"/> Continuation <input type="checkbox"/> Divisional <input type="checkbox"/> Continuation-in- Part (CIP) Prior Appl. No. <input type="text" value="09/820,540"/> Prior Appl. information: Examiner: <input type="text" value="Travis B. Riber"/> Group/Art Unit: <input type="text" value="1711"/> For CONTINUATION OR DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.	
19. CORRESPONDENCE ADDRESS	
<input checked="" type="checkbox"/> Customer Number or Bar Code Label <input type="text" value="27774"/> or <input type="checkbox"/> Correspondence address below	
Name	David B. Bonham
Address	Mayer Fortkort & Williams, PC
City	251 North Avenue West, 2 nd Floor
Country	Westfield State NJ Zip Code 07090
Telephone	U.S.A. 703-433-0510 Fax 703-433-2362
Name	David B. Bonham Registration No. 34,297
SIGNATURE	<i>[Signature]</i> Date Nov. 13, 2003

17858 U.S. PTO
10/712492



FEE TRANSMITTAL

Patent fees are subject to annual revision

TOTAL AMOUNT OF PAYMENT

(\$ 1168

Complete if Known

Application Number

Unassigned

Filing Date

Filed Herewith

First Named Inventor

Michael Stuart Weaver

Examiner Name

Unassigned

Group Art Unit

1711

Attorney Docket No.

UDC-20201 CON

METHOD OF PAYMENT

1. ☒ The Commissioner is hereby authorized to charge indicated fees and credit any overpayment to:

Deposit Account Number

50-1047

Deposit Account Name

Mayer Fortkort & Williams

- ☒ Charge Any Additional Fee required under 37 CFR 1.16 and 1.17

- ☐ Applicant claims small entity status. See 37 CFR 1.27

2. ☐ Payment Enclosed:

☐ Check☐ Credit Card☐ Money Order☐ Other

FEE CALCULATION

1. BASIC FILING FEE

Large Fee Code	Entity Fee (\$)	Small Fee Code	Entity Fee (\$)	Fee Description	Fee Paid
1001	770	2001	385	Utility filing fee	770
1002	340	2002	170	Design filing fee	
1003	530	2003	265	Plant filing fee	
1004	770	2004	385	Reissue filing fee	
1005	180	2005	80	Provisional filing fee	

SUBTOTAL (1) (\$ 770

2. EXTRA CLAIM FEES

Total Claims	Previously Paid**	Extra Claims	Fee from before	Fee Paid
42	20	22	18	\$396
Independent Claims	3	0	86	0

Multiple Dependent

Large Fee Code	Entity Fee (\$)	Small Fee Code	Entity Fee (\$)	Fee Description
1202	18	2202	9	Claims in excess of 20
1201	86	2201	43	Independent claims in excess of 3
1203	280	2203	145	Multiple dependent claim, if not paid
1204	86	2204	43	* Reissue independent claims over original patent
1205	18	2205	9	* Reissue claims in excess of 20 and over original patent

SUBTOTAL (2) (\$396

**OR NUMBER PREVIOUSLY PAID, IF GREATER THAN STANDARD ALLOWANCE.

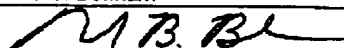
*For Reissues, see above

SUBMITTED BY

Name (Print/Type)

David B. Bonham

Signature



Registration No.

34,297

Telephone

703-433-0510

Date

Nov. 13, 2003

FEE CALCULATION (continued)

3. ADDITIONAL FEES


Large Entity Fee Code	Fee (\$)	Small Entity Fee Code	Fee (\$)	Fee Description
1051	130	2061	65	Surcharge - late filing fee or oath
1052	50	2062	26	Surcharge - late Provisional filing
1053	130	1063	130	Non-English specification
147	2520	147	2520	For filing a request for ex parte Reexamination
1804	920*	1804	920*	Requesting publication of SIR prior to Examiner action
1805	1840*	1805	1840*	Requesting publication of SIR after Examiner action
1251	110	2251	55	Extension for reply within first month
1252	420	2252	210	Extension for reply within second month
1253	950	2253	475	Extension for reply within third month
1254	1480	2254	740	Extension for reply within fourth month
1255	2010	2255	1005	Extension for reply within fifth month
1401	330	2401	165	Notice of Appeal
1402	330	2402	165	Filing a brief in support of an appeal
1403	280	2403	145	Request for oral hearing
1461	1510	1451	1510	Petition to institute a public use proceeding
1452	1330	2452	665	Petition to revive - unavoidable
1453	1330	2453	665	Petition to revive - unintentional
1501	1330	2501	665	Utility issue fee (or reissue)
1502	480	2502	240	Design issue fee
1503	840	2503	320	Plant issue fee
1460	130	1460	130	Petitions to the Commissioner
1807	50	1807	50	Processing fee under 37 CFR 1.17(a)
1808	180	1808	180	Submission of IDS
8021	40	8021	40	Recording each patent assignment per property (times number of properties)
1809	770	2809	385	Filing a submission after final rejection (37 CFR § 1.129(a))
1810	770	2810	385	For each additional invention to be examined (37 CFR § 1.129(b))
1801	770	2801	385	Request for Continued Examination (RCE)
1802	900	1802	900	Request for expedited examination of a design application

Other fee (specify)

* Reduced by Basic Filing Fee paid

SUBTOTAL (3)

(\$

CERTIFICATE OF MAILING BY "EXPRESS MAIL" (37 CFR 1.10) Applicant(s): Michael Stuart Weaver			Docket No. UDC-20201 CON
Serial No. Unassigned	Filing Date Filed Herewith	Examiner Unassigned	Group Art Unit 1711
Invention: METHODS AND STRUCTURES FOR REDUCING LATERAL DIFFUSION THROUGH COOPERATIVE BARRIER LAYERS			
<p>I hereby certify that the following correspondence:</p> <div style="border: 1px solid black; padding: 10px; margin: 10px 0;">New U.S. Continuation Patent Application</div> <p style="text-align: center;"><i>(Identify type of correspondence)</i></p> <p>is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10 in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on</p> <p style="text-align: center;"><u>11/13/03</u> <i>(Date)</i></p> <div style="text-align: right; margin-top: 20px;"><p><u>Marjorie Scariati</u> <i>(Typed or Printed Name of Person Mailing Correspondence)</i></p><p><u></u> <i>(Signature of Person Mailing Correspondence)</i></p><p><u>ER 638135216 US</u> <i>("Express Mail" Mailing Label Number)</i></p></div>			
<p>Note: Each paper must have its own certificate of mailing.</p>			